

LIST OF PRIOR ART CITED BY APPLICANT
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Customer No. 26308

ATTY DOCKET NO.
9345.17121-CIP B

SERIAL NO.
09/938,307

APPLICANT
Suorsa et al.

FILING DATE
23 August 2001

GROUP
3737

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

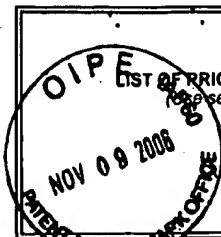
Examiner Initial	DOCUMENT NUMBER	Date	Name	Class	Subclass	Filing Date (if Appropriate)
RSS	5,720,304	02/1998	Omura			
RSS	5,190,766	03/1993	Ishihara			
RSS	2003/0204141	04/2002	Nock et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	Class	Sub-class	Translation Yes No

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS		Ng, K. et al., "Therapeutic Ultrasound: Its Application in Drug Delivery"; Medicinal Research Reviews, Vol. 22, No. 2, 204-223, 2002
RSS		Tachibana, K. et al., "The Use of Ultrasound for Drug Delivery"; Echocardiography, Vol. 18, May 2001.
RSS		Hull, W. et al., "Heat-Enhanced Transdermal Drug Delivery: A Survey Paper"; The Journal of Applied Research, Vol. 2, No. 1, Winter 2002.
no date		International Cancer Research Portfolio ABSTRACT - award funding period 01-15-00 to 12-31-02, award code CA076562.
RSS		Cho, C.W., et al, "Ultrasound induced mild hyperthermia as a novel approach to increase drug intake in brain microvessel endothelial cells", Pharm Res. 2002 Aug;19(8);1123-9
no date		Internet article: "Good Vibrations Personal Energiser Pty Ltd. - Vitafoam-IR" (Google Web address)
EXAMINER	/Ruth S. Smith/	DATE CONSIDERED 01/31/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this with next communication to applicant		

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Examiner Initial	DOCUMENT NUMBER	Date	Name	Class	Subclass	Filing Date (If Appropriate)
RSS	3,985,337	10/1976	Gripe et al.			
	4,563,261	01/1986	Staab et al.			
	4,651,716	03/1987	Forester et al.			
	4,740,287	04/1988	Cawfield			
	4,955,365	09/1990	Fry et al.			
	5,024,829	06/1991	Berger et al.			
	5,230,334	07/1993	Klopotek et al.			
	5,313,935	05/1994	Kortenbach et al.			
	5,359,993	11/1994	Slater et al.			
	5,394,047	02/1995	Scharlack et al.			
	5,400,267	03/1995	Denen et al.			
	5,626,554	05/1997	Ryaby et al.			
RSS	5,991,355	11/1999	Dahlke			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	Class	Subclass	Translation Yes No

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Keiwa et al., "The effect of diastolic vibration on the coronary flow rate in the canine heart with ischemia" Journal Cardiovasc Diagn Procedures, 12; p. 110 (1994)
no date	Internet article: "Good Vibrations Personal Energiser - Vitafo - IR" (Google Web address), discloses information about the Vitafo-IR device (a well known device operable to deliver microvibrations in the audible frequency range which has been on sale well before 2003) and its use in improving blood flow and selectively improving drug concentration and thereby improved drug efficacy localized to the action of devices's transformers.

EXAMINER	DATE CONSIDERED
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RSS	6,080,187	06/2000	Alt et al.			
	6,237,604	05/2001	Burnside et al.			
	6,295,330	09/2001	Skog et al.			
	6,477,426	11/2002	Fenn et al.			
	6,577,042	06/2003	Lee et al.			
	6,635,017	10/2003	Moehring et al.			
	6,682,502	01/2004	Bond et al.			
	6,979,812	12/2005	Al-Ali			
	7,048,687	05/2006	Reuss et al.			
RSS	2004/0230252	11/2004	Kullok et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Class	Subclass	Translation
							Yes No

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS			Zagzebski, "Essentials of Ultrasound Physics," Physics of Diagnostic Ultrasound, p. 5 (1996)
RSS			Google Website: "Hearing Pitch or Sound Frequencies - Succeed Through Using your Senses" - "Hearing Pitch or Sound Frequencies" by Ron Kurtus (7 March 2001)
			Google Website: "Frequency Hearing Ranges in Dogs and Other Species" - "How Well Do Dogs and Other Animals Hear" references data from Fay (1988) and Warfield (1973) in a table which lists the human audible frequency range between 64 - 23 000 Hz, and some animals as high as 150 kHz.
RSS			The "VitaFon Device," VitaFon Company, www.vitaFon.net 2002

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